

# SCORE Search Results Details for Application 10552515 and Search Result 20090316\_151748\_us-10-552-515-1\_copy\_157\_933.oligo8.rapbm.

<a href="#">Score Home</a>	<a href="#">Retrieve Application</a>	<a href="#">SCORE System</a>	<a href="#">SCORE</a>	<a href="#">Comments /</a>
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GenCore version 6.3  
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OM protein - protein search, using sw model

Run on: March 17, 2009, 21:15:09 ; Search time 1116 Seconds  
(without alignments)  
705.932 Million cell updates/sec

Title: US-10-552-515-1\_COPY\_157\_933  
Perfect score: 777  
Sequence: 1 QQDVQDGNNTTVHYALLSASW.....SELSSHWPFTVPKASQLQQ 777

Scoring table: OLIGO  
Gapop 60.0 , Gapext 60.0

Searched: 4457930 seqs, 1013924948 residues

Word size : 8

Total number of hits satisfying chosen parameters: 11

Minimum DB seq length: 8  
Maximum DB seq length: 10

Post-processing: Listing first 45 summaries

Database : Published\_Applications\_AA\_Main:\*  
1: /ABSS/Data/CRF/ptodata/1/pubpaa/US07\_PUBCOMB.pep:\*  
2: /ABSS/Data/CRF/ptodata/1/pubpaa/US08\_PUBCOMB.pep:\*  
3: /ABSS/Data/CRF/ptodata/1/pubpaa/US09\_PUBCOMB.pep:\*  
4: /ABSS/Data/CRF/ptodata/1/pubpaa/US10A\_PUBCOMB.pep:\*  
5: /ABSS/Data/CRF/ptodata/1/pubpaa/US10B\_PUBCOMB.pep:\*  
6: /ABSS/Data/CRF/ptodata/1/pubpaa/US11A\_PUBCOMB.pep:\*  
7: /ABSS/Data/CRF/ptodata/1/pubpaa/US11B\_PUBCOMB.pep:\*  
8: /ABSS/Data/CRF/ptodata/1/pubpaa/US12\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

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Result No.	Score	Query Match Length	DB	ID	Description
1	9	1.2	9	5	US-10-552-515-3
2	9	1.2	9	5	US-10-552-515-4
3	9	1.2	9	5	US-10-552-515-5
4	9	1.2	9	5	US-10-552-515-6
5	9	1.2	9	5	US-10-552-515-7
6	9	1.2	9	5	US-10-552-515-8
7	9	1.2	9	5	US-10-552-515-9
8	9	1.2	9	5	US-10-552-515-10
9	8	1.0	10	3	US-09-572-404B-1236
10	8	1.0	10	3	US-09-572-404B-3748
11	8	1.0	10	3	US-09-572-404B-3749

## ALIGNMENTS

## RESULT 1

US-10-552-515-3

; Sequence 3, Application US/10552515

; Publication No. US20060194204A1

; GENERAL INFORMATION:

; APPLICANT: The Government of the United States of America as

; APPLICANT: represented by the Secretary of the Department of Health and

; APPLICANT: Human Services

; APPLICANT: Bera, Tapan K.

; APPLICANT: Pastan, Ira H.

; APPLICANT: Lee, Byungkook

; TITLE OF INVENTION: GENE EXPRESSED IN PROSTATE CANCER AND METHODS OF USE

; FILE REFERENCE: 4239-68223-02

; CURRENT APPLICATION NUMBER: US/10/552,515

; CURRENT FILING DATE: 2005-10-06

; PRIOR APPLICATION NUMBER: PCT/US2004/10588

; PRIOR FILING DATE: 2004-04-05

; PRIOR APPLICATION NUMBER: 60/461,399

; PRIOR FILING DATE: 2003-04-08

; NUMBER OF SEQ ID NOS: 12

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 3

; LENGTH: 9

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Splice Variant-Novel Gene Expressed in Prostate

US-10-552-515-3

Query Match 1.2%; Score 9; DB 5; Length 9;

Best Local Similarity 100.0%; Pred. No. 4.1e+06;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 271 SLFMALWAV 279

|||||

Db 1 SLFMALWAV 9

## RESULT 2

US-10-552-515-4  
 ; Sequence 4, Application US/10552515  
 ; Publication No. US20060194204A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: The Government of the United States of America as  
 ; APPLICANT: represented by the Secretary of the Department of Health and  
 ; APPLICANT: Human Services  
 ; APPLICANT: Bera, Tapan K.  
 ; APPLICANT: Pastan, Ira H.  
 ; APPLICANT: Lee, Byungkook  
 ; TITLE OF INVENTION: GENE EXPRESSED IN PROSTATE CANCER AND METHODS OF USE  
 ; FILE REFERENCE: 4239-68223-02  
 ; CURRENT APPLICATION NUMBER: US/10/552,515  
 ; CURRENT FILING DATE: 2005-10-06  
 ; PRIOR APPLICATION NUMBER: PCT/US2004/10588  
 ; PRIOR FILING DATE: 2004-04-05  
 ; PRIOR APPLICATION NUMBER: 60/461,399  
 ; PRIOR FILING DATE: 2003-04-08  
 ; NUMBER OF SEQ ID NOS: 12  
 ; SOFTWARE: PatentIn version 3.2  
 ; SEQ ID NO 4  
 ; LENGTH: 9  
 ; TYPE: PRT  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Splice Variant-Novel Gene Expressed in Prostate  
 US-10-552-515-4

Query Match 1.2%; Score 9; DB 5; Length 9;  
 Best Local Similarity 100.0%; Pred. No. 4.1e+06;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 59 VLLEVVDPDV 67  
 |||||  
 Db 1 VLLEVVDPDV 9

## RESULT 3

US-10-552-515-5  
 ; Sequence 5, Application US/10552515  
 ; Publication No. US20060194204A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: The Government of the United States of America as  
 ; APPLICANT: represented by the Secretary of the Department of Health and  
 ; APPLICANT: Human Services  
 ; APPLICANT: Bera, Tapan K.  
 ; APPLICANT: Pastan, Ira H.  
 ; APPLICANT: Lee, Byungkook  
 ; TITLE OF INVENTION: GENE EXPRESSED IN PROSTATE CANCER AND METHODS OF USE  
 ; FILE REFERENCE: 4239-68223-02  
 ; CURRENT APPLICATION NUMBER: US/10/552,515  
 ; CURRENT FILING DATE: 2005-10-06  
 ; PRIOR APPLICATION NUMBER: PCT/US2004/10588  
 ; PRIOR FILING DATE: 2004-04-05  
 ; PRIOR APPLICATION NUMBER: 60/461,399  
 ; PRIOR FILING DATE: 2003-04-08

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; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Splice Variant-Novel Gene Expressed in Prostate
US-10-552-515-5
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Query Match          1.2%; Score 9; DB 5; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+06;
Matches      9; Conservative      0; Mismatches      0; Indels      0; Gaps      0;
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```
Qy      14 ALLSASWAV 22
          |||||
Db      1 ALLSASWAV 9
```

#### RESULT 4

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US-10-552-515-6
; Sequence 6, Application US/10552515
; Publication No. US20060194204A1
; GENERAL INFORMATION:
; APPLICANT: The Government of the United States of America as
; APPLICANT: represented by the Secretary of the Department of Health and
; APPLICANT: Human Services
; APPLICANT: Bera, Tapan K.
; APPLICANT: Pastan, Ira H.
; APPLICANT: Lee, Byungkook
; TITLE OF INVENTION: GENE EXPRESSED IN PROSTATE CANCER AND METHODS OF USE
; FILE REFERENCE: 4239-68223-02
; CURRENT APPLICATION NUMBER: US/10/552,515
; CURRENT FILING DATE: 2005-10-06
; PRIOR APPLICATION NUMBER: PCT/US2004/10588
; PRIOR FILING DATE: 2004-04-05
; PRIOR APPLICATION NUMBER: 60/461,399
; PRIOR FILING DATE: 2003-04-08
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Splice Variant-Novel Gene Expressed in Prostate
US-10-552-515-6
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Query Match          1.2%; Score 9; DB 5; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+06;
Matches      9; Conservative      0; Mismatches      0; Indels      0; Gaps      0;
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```
Qy      690 LLAIRLAFV 698
          |||||
Db      1 LLAIRLAFV 9
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# RESULT 5

US-10-552-515-7  
; Sequence 7, Application US/10552515  
; Publication No. US20060194204A1  
; GENERAL INFORMATION:  
; APPLICANT: The Government of the United States of America as  
; APPLICANT: represented by the Secretary of the Department of Health and  
; APPLICANT: Human Services  
; APPLICANT: Bera, Tapan K.  
; APPLICANT: Pastan, Ira H.  
; APPLICANT: Lee, Byungkook  
; TITLE OF INVENTION: GENE EXPRESSED IN PROSTATE CANCER AND METHODS OF USE  
; FILE REFERENCE: 4239-68223-02  
; CURRENT APPLICATION NUMBER: US/10/552,515  
; CURRENT FILING DATE: 2005-10-06  
; PRIOR APPLICATION NUMBER: PCT/US2004/10588  
; PRIOR FILING DATE: 2004-04-05  
; PRIOR APPLICATION NUMBER: 60/461,399  
; PRIOR FILING DATE: 2003-04-08  
; NUMBER OF SEQ ID NOS: 12  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 7  
; LENGTH: 9  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Splice Variant-Novel Gene Expressed in Prostate  
US-10-552-515-7

Query Match 1.2%; Score 9; DB 5; Length 9;  
Best Local Similarity 100.0%; Pred. No. 4.1e+06;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 401 ILILSKIYV 409  
|||||||  
Db 1 ILILSKIYV 9

# RESULT 6

US-10-552-515-8  
; Sequence 8, Application US/10552515  
; Publication No. US20060194204A1  
; GENERAL INFORMATION:  
; APPLICANT: The Government of the United States of America as  
; APPLICANT: represented by the Secretary of the Department of Health and  
; APPLICANT: Human Services  
; APPLICANT: Bera, Tapan K.  
; APPLICANT: Pastan, Ira H.  
; APPLICANT: Lee, Byungkook  
; TITLE OF INVENTION: GENE EXPRESSED IN PROSTATE CANCER AND METHODS OF USE  
; FILE REFERENCE: 4239-68223-02  
; CURRENT APPLICATION NUMBER: US/10/552,515  
; CURRENT FILING DATE: 2005-10-06  
; PRIOR APPLICATION NUMBER: PCT/US2004/10588  
; PRIOR FILING DATE: 2004-04-05  
; PRIOR APPLICATION NUMBER: 60/461,399  
; PRIOR FILING DATE: 2003-04-08

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; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 8
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Splice Variant-Novel Gene Expressed in Prostate
US-10-552-515-8
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Query Match          1.2%; Score 9; DB 5; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+06;
Matches      9; Conservative      0; Mismatches      0; Indels      0; Gaps      0;
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```
Qy      102 ILFEILAKT 110
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Db       1 ILFEILAKT 9
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# RESULT 7

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US-10-552-515-9
; Sequence 9, Application US/10552515
; Publication No. US20060194204A1
; GENERAL INFORMATION:
; APPLICANT: The Government of the United States of America as
; APPLICANT: represented by the Secretary of the Department of Health and
; APPLICANT: Human Services
; APPLICANT: Bera, Tapan K.
; APPLICANT: Pastan, Ira H.
; APPLICANT: Lee, Byungkook
; TITLE OF INVENTION: GENE EXPRESSED IN PROSTATE CANCER AND METHODS OF USE
; FILE REFERENCE: 4239-68223-02
; CURRENT APPLICATION NUMBER: US/10/552,515
; CURRENT FILING DATE: 2005-10-06
; PRIOR APPLICATION NUMBER: PCT/US2004/10588
; PRIOR FILING DATE: 2004-04-05
; PRIOR APPLICATION NUMBER: 60/461,399
; PRIOR FILING DATE: 2003-04-08
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 9
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Splice Variant-Novel Gene Expressed in Prostate
US-10-552-515-9
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Query Match          1.2%; Score 9; DB 5; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+06;
Matches      9; Conservative      0; Mismatches      0; Indels      0; Gaps      0;
```

```
Qy      247 WLLSSACAL 255
        |||||
Db       1 WLLSSACAL 9
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RESULT 8  
 US-10-552-515-10  
 ; Sequence 10, Application US/10552515  
 ; Publication No. US20060194204A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: The Government of the United States of America as  
 ; APPLICANT: represented by the Secretary of the Department of Health and  
 ; APPLICANT: Human Services  
 ; APPLICANT: Bera, Tapan K.  
 ; APPLICANT: Pastan, Ira H.  
 ; APPLICANT: Lee, Byungkook  
 ; TITLE OF INVENTION: GENE EXPRESSED IN PROSTATE CANCER AND METHODS OF USE  
 ; FILE REFERENCE: 4239-68223-02  
 ; CURRENT APPLICATION NUMBER: US/10/552,515  
 ; CURRENT FILING DATE: 2005-10-06  
 ; PRIOR APPLICATION NUMBER: PCT/US2004/10588  
 ; PRIOR FILING DATE: 2004-04-05  
 ; PRIOR APPLICATION NUMBER: 60/461,399  
 ; PRIOR FILING DATE: 2003-04-08  
 ; NUMBER OF SEQ ID NOS: 12  
 ; SOFTWARE: PatentIn version 3.2  
 ; SEQ ID NO 10  
 ; LENGTH: 9  
 ; TYPE: PRT  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Splice Variant-Novel Gene Expressed in Prostate  
 US-10-552-515-10

Query Match 1.2%; Score 9; DB 5; Length 9;  
 Best Local Similarity 100.0%; Pred. No. 4.1e+06;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 406 KIVVSLAHV 414  
 |||||  
 Db 1 KIVVSLAHV 9

RESULT 9  
 US-09-572-404B-1236  
 ; Sequence 1236, Application US/09572404B  
 ; Publication No. US20030078374A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Proteom Ltd  
 ; TITLE OF INVENTION: Complementary peptide ligands from the human genome  
 ; FILE REFERENCE: Human patent  
 ; CURRENT APPLICATION NUMBER: US/09/572,404B  
 ; CURRENT FILING DATE: 2000-05-17  
 ; NUMBER OF SEQ ID NOS: 4203  
 ; SOFTWARE: ProtPatent version 1.0  
 ; SEQ ID NO 1236  
 ; LENGTH: 10  
 ; TYPE: PRT  
 ; ORGANISM: Homo Sapiens  
 ; FEATURE:  
 ; OTHER INFORMATION: sequence located in Unknown at 20-29 and may interact with Sequence  
 1235

; OTHER INFORMATION: in this patent.

US-09-572-404B-1236

Query Match 1.0%; Score 8; DB 3; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 16;  
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 525 AGASAGAS 532

|||||||

Db 1 AGASAGAS 8

#### RESULT 10

US-09-572-404B-3748

; Sequence 3748, Application US/09572404B

Does not bind MHC /LBG/

; Publication No. US20030078374A1

; GENERAL INFORMATION:

; APPLICANT: Proteom Ltd

; TITLE OF INVENTION: Complementary peptide ligands from the human genome

; FILE REFERENCE: Human patent

; CURRENT APPLICATION NUMBER: US/09/572,404B

; CURRENT FILING DATE: 2000-05-17

; NUMBER OF SEQ ID NOS: 4203

; SOFTWARE: ProtPatent version 1.0

; SEQ ID NO 3748

; LENGTH: 10

; TYPE: PRT

; ORGANISM: Homo Sapiens

; FEATURE:

; OTHER INFORMATION: sequence located in Unknown at 20-29 and may interact with Sequence

3749

; OTHER INFORMATION: in this patent.

US-09-572-404B-3748

Query Match 1.0%; Score 8; DB 3; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 16;  
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 525 AGASAGAS 532

|||||||

Db 1 AGASAGAS 8

#### RESULT 11

US-09-572-404B-3749

; Sequence 3749, Application US/09572404B

Does not bind MHC /LBG/

; Publication No. US20030078374A1

; GENERAL INFORMATION:

; APPLICANT: Proteom Ltd

; TITLE OF INVENTION: Complementary peptide ligands from the human genome

; FILE REFERENCE: Human patent

; CURRENT APPLICATION NUMBER: US/09/572,404B

; CURRENT FILING DATE: 2000-05-17

; NUMBER OF SEQ ID NOS: 4203

; SOFTWARE: ProtPatent version 1.0

; SEQ ID NO 3749

; LENGTH: 10

; TYPE: PRT  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; OTHER INFORMATION: sequence located in Unknown at 20-29 and may interact with Sequence  
3748  
; OTHER INFORMATION: in this patent.  
US-09-572-404B-3749

Query Match 1.0%; Score 8; DB 3; Length 10;  
Best Local Similarity 100.0%; Pred. No. 16;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 525 AGASAGAS 532  
| | | | | | | |  
Db 1 AGASAGAS 8

Search completed: March 17, 2009, 21:33:45  
Job time : 1116 secs

SCORE 2.0